AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1. (original) A device ~~(100)~~ for automatically detecting engraved markings of an ophthalmic lens ~~(10; 10')~~, the device comprising a support ~~(110)~~ adapted to receive said ophthalmic lens ~~(10; 10')~~ and, on either side of said support ~~(110)~~, firstly first illumination means ~~(120)~~ for illuminating the ophthalmic lens ~~(10)~~ installed on said support ~~(110)~~, and secondly first acquisition and analysis means ~~(130)~~ for acquiring and analyzing the light transmitted through said ophthalmic lens ~~(10; 10')~~, the device being characterized in that it includes an activatable and deactivatable pattern filter ~~(140)~~ between said first illumination means ~~(120)~~ and said support ~~(110)~~, and

the first acquisition and analysis means being suitable for processing the light transmitted through said ophthalmic lens and said activated pattern filter in order to determine the positions of said engraved markings of said ophthalmic lens.

2. (cancelled)

3. (currently amended) The ~~A~~ device ~~(100)~~ according to claim 1, ~~characterized in that it includes two~~including an upstream polarizing filter ~~filters, one~~ disposed between said first illumination means ~~(120)~~ and said support ~~(110)~~, and ~~the other~~ a downstream polarizing filter disposed between said support ~~(110)~~ and said first acquisition and analysis means ~~(130)~~.

4. (currently amended) The ~~A~~ device ~~(100)~~ according to claim 1, ~~characterized in~~wherein that said pattern filter ~~(140)~~ is formed by a liquid crystal screen.

5. (currently amended) The ~~A~~ device ~~(100)~~ according to claim 3~~4~~, ~~characterized in that~~ wherein said pattern filter is formed by a liquid crystal screen, and wherein the liquid crystal screen ~~(140)~~ also forms said upstream polarizing filter ~~disposed between said first illumination means (120) and said support (110)~~.

6. (currently amended) The ~~A~~ device ~~(100)~~ according to claim 3, wherein ~~characterized in that~~ the polarization of the two polarizing filters is arranged in a common direction substantially identical to the polarization direction of the lens to be analyzed.

7. (currently amended) The ~~A~~ device ~~(100)~~ according to claim 1, wherein ~~characterized in that~~ said first ~~and second~~ illumination means ~~(120) are~~ is activatable and deactivatable.

8. (currently amended) The ~~A~~ device ~~(100)~~ according to claim 1, including ~~characterized in that it includes~~ activatable and deactivatable second illumination means ~~(120')~~ adapted to illuminate an ophthalmic lens ~~(10')~~ installed on said support ~~(110)~~ with light at grazing incidence, said first acquisition and analysis means ~~(130)~~ being suitable for analyzing the light beam transmitted through said ophthalmic lens ~~(10')~~ illuminated with light at grazing incidence.

9. (currently amended) The ~~A~~ device ~~(100)~~ according to claim 1, wherein ~~characterized in that~~ said first acquisition and analysis means ~~(130)~~ comprise a digital camera ~~(134)~~.

10. (currently amended) The ~~A~~ device ~~(100)~~ according to claim 9, wherein ~~characterized in that~~ said first acquisition and analysis means ~~(130)~~ include image processor means adapted to process the signal obtained at the output from the camera ~~(134)~~ and means for displaying the processed signal.

11. (currently amended) The ~~A~~ device ~~(100)~~ according to claim 10 ~~9~~, wherein ~~characterized in that~~ said first acquisition and analysis means ~~(130)~~ include an optical system between the downstream polarizing filter and the camera ~~(134)~~ for deflecting a light beam and comprising a converging lens ~~(131)~~ and a mirror ~~(132)~~ inclined at 45°.

12. (currently amended) The ~~A~~ device ~~(100)~~ according to claim 1, having ~~characterized in that it has~~ a frontofocometer including firstly third illumination means ~~(220)~~ disposed laterally relative to said first illumination means ~~(120)~~ and adapted to generate a light beam directed onto an ophthalmic lens installed on said support positioned facing said third illumination means, and secondly second acquisition and analysis means ~~(230)~~ for acquiring and analyzing the light beam transmitted through said ophthalmic lens installed on said support.

13. (currently amended) The ~~A~~ device ~~(100)~~ according to claim 12, wherein ~~characterized in that~~ the support ~~(110)~~ is displaceable in translation along two perpendicular axes.

14. (currently amended) The ~~A~~ device ~~(100)~~ according to claim 13, wherein the support ~~characterized in that it~~ includes means for measuring the displacement of the support relative to an initial position.

15. (currently amended) The ~~A~~ device ~~(100)~~ according to claim 14, wherein ~~characterized in that~~ said measurement means comprise incremental encoders.

16. (currently amended) The ~~A~~ device ~~(100)~~ according to claim 1, wherein ~~characterized in that~~ said support ~~(110)~~ includes at least one passive pointer which, when illuminated by said first illumination means ~~(120)~~ forms, in shadow, a positioning image on said first acquisition and analysis means ~~(130)~~ enabling the position of said support ~~(110)~~ to be determined in a stationary frame of reference.

17. (currently amended) The ~~A~~ device ~~(100)~~ according to claim 16, wherein ~~characterized in that~~ each passive pointer presents an outer or inner contour line that is polygonal.

18. (currently amended) The ~~A~~ device ~~(100)~~ according to claim 17, wherein ~~characterized in that~~ each passive pointer presents an outer or inner contour line that is circular.

19. (currently amended) The ~~A~~ device ~~(100)~~ according to claim 17, wherein ~~characterized in that~~ each passive pointer presents an outer or inner contour line that is cruciform.